

What is claimed:

1. A device for metering bulk material, comprising a drive unit (24) and a metering unit (1), which substantially consists of a metering module (2) and a container (3) for the bulk material, wherein a stirring apparatus (5) is disposed in the container (3), characterised in that the metering unit (1) forms an exchangeable unit.
2. The device according to claim 1, characterised in that the metering module (2) contains at least one screw (4) as metering means or a conveyor belt for transporting bulk materials from the container, wherein the metering means are driven via a drive axis (C).
3. The device according to any one of the preceding claims, characterised in that one axis (B) of the stirring apparatus (5) is perpendicular to the drive axis (C) of the metering means.
4. The device according to any one of the preceding claims, characterised in that an axial quick coupling unit (10) is disposed on the axis (B) of the stirring apparatus (5) and that means for transmission of force are provided on the drive axis (C) of the metering means.
5. The device according to any one of the preceding claims, characterised in that the axial quick coupling unit (10) is located underneath the container (3).
6. The device according to any one of the preceding claims, characterised in that the means for transmission of force to the drive axis (C) of the metering means is a wheel (6).
7. The device according to any one of the preceding claims, characterised in that when the quick coupling unit (10) is coupled in, the device (1) can pivot about the axis (B) of the stirring apparatus (5) into an operating position and the means for force transmission, especially the wheel (6), can thereby be brought into non-positive contact with drive means or released therefrom.
8. The device according to any one of the preceding claims, characterised in that the device (1) comprises a gear (7) for the metering means.
9. The device according to any one of the preceding claims, characterised in that the stirring apparatus (5) is composed of a base rotor (11) and can be expanded in any combination with one or more lateral rotors (12) and bridge breakers (13).
10. The device according to claim 9, characterised in that the base rotor (11) has a cap (16) in the central area of the stirring apparatus (5), through which a hole (19) expanded in the lower portion runs along the axis (B) so that the base rotor (11) can be disposed on a shaft (15) in the container (3) and can rotate about the axis (B), wherein an intermediate space is formed in the lower portion of the cap (16) and the cap (16) has at least one groove (17) in this lower portion.
11. The device according to claim 9 or 10, characterised in that the inner end of the groove (17) runs before the outer end of the groove (17) in the direction of rotation of the stirring

apparatus (5) so that bulk material located between the shaft (15) and the cap (16) flows back into the container (3) as a result of the rotary movement of the stirring apparatus (5).

12. The device according to any one of claims 9 to 11, characterised in that the stirring apparatus (5) has at least one blade (18) which is matched to the contour of the base area of the container (3) and rotates about the axis (B) at a distance of less than 1 mm from the bottom area of the container (3).

13. The device according to any one of claims 9 to 12, characterised in that a lateral rotor (12) has at least one blade which is matched to the contour of a wall area of the container (3) or an additional funnel and moves at a distance of less than 1 mm from the wall area, whereby bulk material is removed from the wall area.

14. The device according to any one of claims 9 to 13, characterised in that a bridge breaker (13) has at least one bridge breaker rod (14), wherein the bridge breakers (13) are configured so that the spacing between the bridge breaker rods of one or more bridge breakers (13) can be varied.

15. The device according to any one of the preceding claims, characterised in that a single motor (25) drives the stirring apparatus (5) and the metering means of the device (1).

16. The device according to claim 15, characterised in that an axis (A) of the motor (25) and an axis (B) of the stirring apparatus (5) are arranged substantially parallel and each substantially orthogonal to a drive axis (C) of the metering device in the operating state.

17. The device according to claim 15 or 16, characterised in that by means of a first bevel gear (26) the axis (A) of the motor (25) drives an axis (D) substantially orthogonal thereto with a second bevel gear (26).

18. The device according to any one of claims 15 to 17, characterised in that the axis (D) is substantially parallel to the drive axis (C) of the metering means in the operating state and drives this directly or indirectly.

19. The device according to any one of claims 15 to 18, characterised in that a drive wheel (30) on the axis (D) drives the wheel (6) on the drive axis (C).